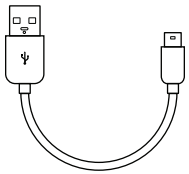
wren

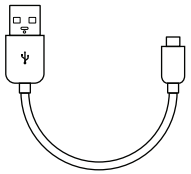
SOUND SYSTEMS™

V5BT Setup Guide

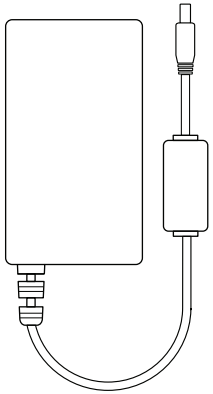
Box Contents



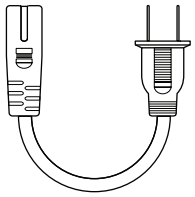
Mini USB
Charging Cable



Micro USB
Charging Cable



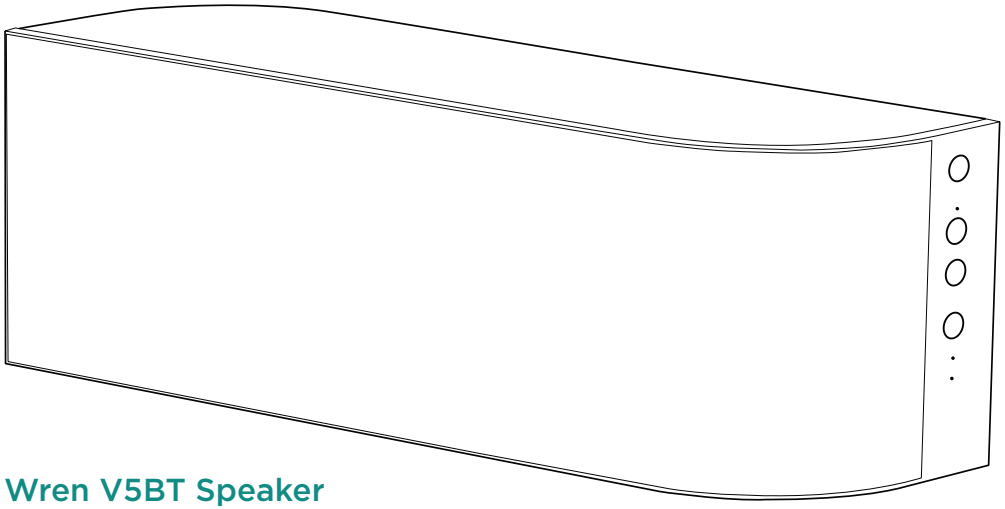
Power Supply



AC Power Cord

Wren V5 Safety
Instructions & Warranty

Wren V5BT
Setup Guide



Wren V5BT Speaker

Before You Begin Setup

English

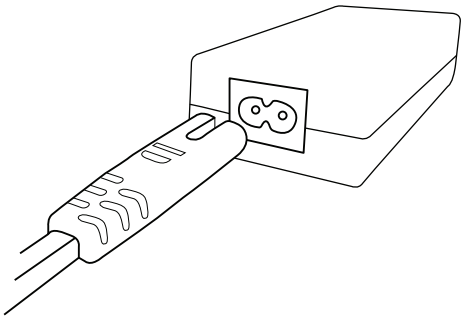
Please check that the following are true:

- Your source device is equipped with *Bluetooth*® 2.0 or higher.
- You have your source device within range (32 ft. or less) of your V5BT.
- The *Bluetooth* wireless feature on your source device is turned on.

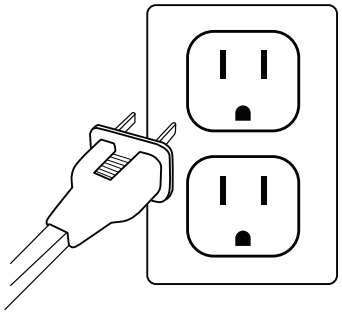
Please Note: A comprehensive user manual is available for download from wrensound.com/support. It is not included with your Wren V5BT.

Powering On Your Wren V5BT

1 **Connect AC power cord to power supply.**

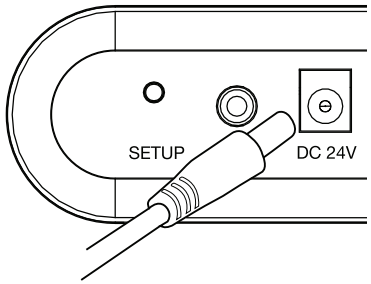


2 **Connect power supply to AC outlet.**



3 **Connect power supply to power input on rear of speaker.**

The power indicator in the center of the power button will flash white for about 10 seconds, then turn off.



4 **Press power button.**

The power indicator will blink white until the system is ready. When the system is ready, the power indicator will remain white.

Connections

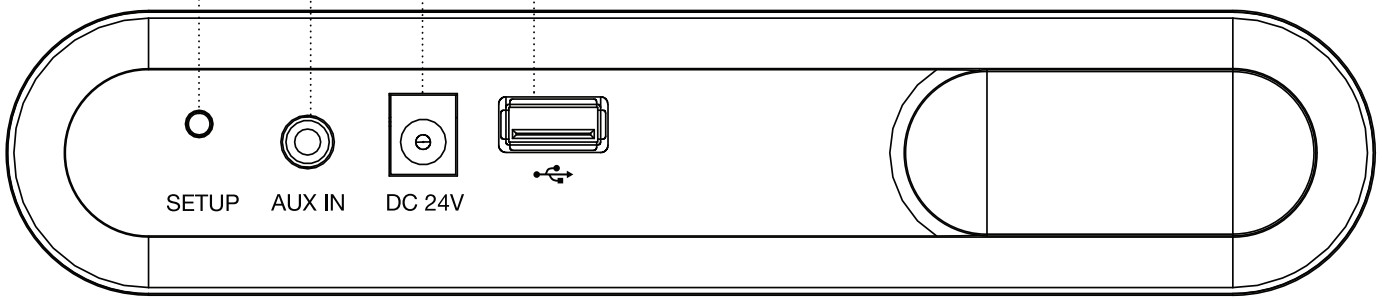
English

Setup Button
Used to pair the V5BT with *Bluetooth* devices

3.5mm Aux Input
Connects any audio source to your Wren V5BT via a 3.5mm audio cable

Power Supply Input
Connects to the power supply

USB Charging Port
Charges most smartphones and tablets.



Pairing with your V5BT

Pairing occurs when two *Bluetooth* devices "communicate" with each other and create a connection. The Wren V5BT can "remember" the last six *Bluetooth* devices that have paired with it. For best results, have your *Bluetooth* source device near your V5BT.

Note: Your V5BT will automatically enter pairing mode the first time you plug it in. The following directions are for all subsequent pairings. If you are setting up the speaker for the first time, start with step 3 below.

1. Make sure your *Bluetooth* source device and the V5BT are both turned on and the *Bluetooth* mode is selected as the source on your V5BT.

2. Press the setup button on the rear of your V5BT (Figure 1) until the *Bluetooth* source indicator blinks amber once every second (Figure 2). This will place the V5BT into « discoverable » mode.

3. In the *Bluetooth* control section of your source device, place the source device into « discovery » mode. « Wren Speaker » should appear on the list of devices that can be paired.

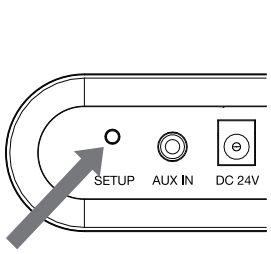


Figure 1

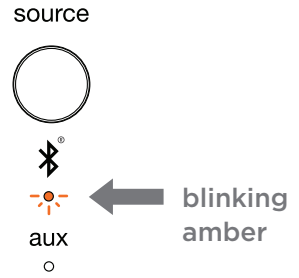


Figure 2

4 Select “Wren Speaker.” If your source device asks for a passkey, enter “0000” (four zeros) and press “OK.” The *Bluetooth* indicator on the V5BT will blink amber two times per second when pairing is in progress (Figure 3).

5 A message will appear on your source device to indicate when pairing is complete, In addition, the *Bluetooth* indicator on the V5BT will go from blinking amber to solid white (Figure 4). You are now ready to play music wirelessly on your V5BT.

6 To play music on your Wren V5BT, make sure that *Bluetooth* is turned on and the “Wren Speaker” has been selected on your source device. Then simply select your favorite music on your device and play.

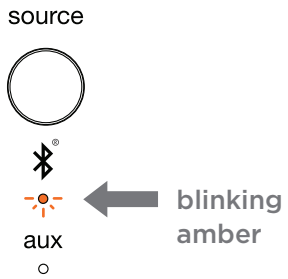


Figure 3 • Pairing

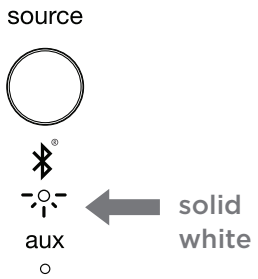


Figure 4 • Connected

Problem connecting? Visit wrensound.com/support for additional help.

Important Note on Volume Control

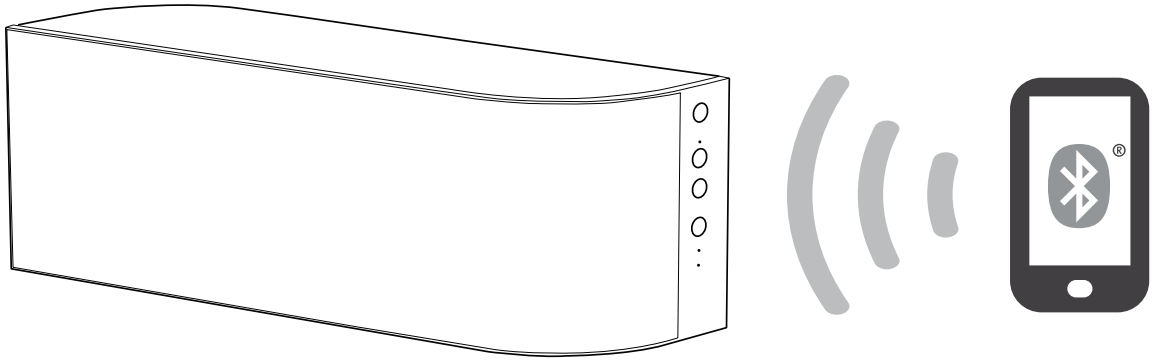
As with all *Bluetooth* pairings with audio devices, the volume control of your Wren V5BT functions as a “master” volume control. That means that the volume control on the V5BT governs how loud your music can play. Once you have set the volume level on the V5BT, the volume control on your source device allows you to play music ranging from very low to as high as your V5BT “master” volume setting allows.. For best results, we suggest setting the master volume control on the V5BT at or near maximum volume. The best way to determine where to set the volume on the V5BT is to use the following steps:

- Set the volume control on the V5BT at about half of maximum.
- Set the volume control on your source device at or just below maximum.
- Play music that you are familiar with.
- Raise the volume control on the V5BT in small steps until it is as loud as you think you will want it to play.
- Turn the volume down on your source device. You will find that it goes from the peak loudness you established all the way down through medium to soft to inaudible.
- You can now use your source device to play music from very low to as loud you have set the V5BT to play. This enables you to manage volume remotely using your source device.

How Does *Bluetooth* Work?

English

Bluetooth wireless technology is a small-area networking protocol that removes the need for user intervention and keeps transmission power extremely low to save battery power. Because it is efficient and easy to use, *Bluetooth* wireless technology has been widely adopted as the most popular (and familiar) way to enable devices like smartphones, tablets, and computers to connect to and communicate with other popular devices like audio headsets and speakers—all without cumbersome wires. The low power limits the range of a *Bluetooth* device to about 10 meters (32 feet), cutting the chances of interference between your computer system and your portable telephone or television. Even with the low power, *Bluetooth* doesn't require line of sight between communicating devices. The walls in your house won't stop a *Bluetooth* signal. And because *Bluetooth* operates by making only one connection to one device at a time, it is free from interference and "confusion" among various *Bluetooth*-enabled devices.



Problem connecting? Visit wrensound.com/support for additional help.

Using multiple devices on your V5BT

Many households (and many individuals) have multiple *Bluetooth*-equipped devices that they use for music. The Wren V5BT can "remember" pairings with up to six different *Bluetooth* devices, eliminating the need to go through the initial pairing process every time you switch devices.

1. To pair additional devices with your V5BT, simply follow the instructions under "Pairing with your V5BT" on pages 6-7.

2. When the Power button is pressed to turn the speaker on from Sleep or Standby mode, the V5BT will look for the most recently paired device that was connected to the speaker. If that device is available, the V5BT will reconnect to it. If the last paired device is not available, the V5BT will continue to search for the next most recently paired device. It will connect with the most recently paired device that it finds.

3. When you wish to connect to a specific paired device, press and hold the Source button on the front of the speaker for three (3) seconds. The *Bluetooth* indicator will blink amber two times per second indicating that the V5BT is trying to connect to a paired device. Select "Wren Speaker" on the source device. The *Bluetooth* indicator will change to solid white when an active connection is established (Figure 5).

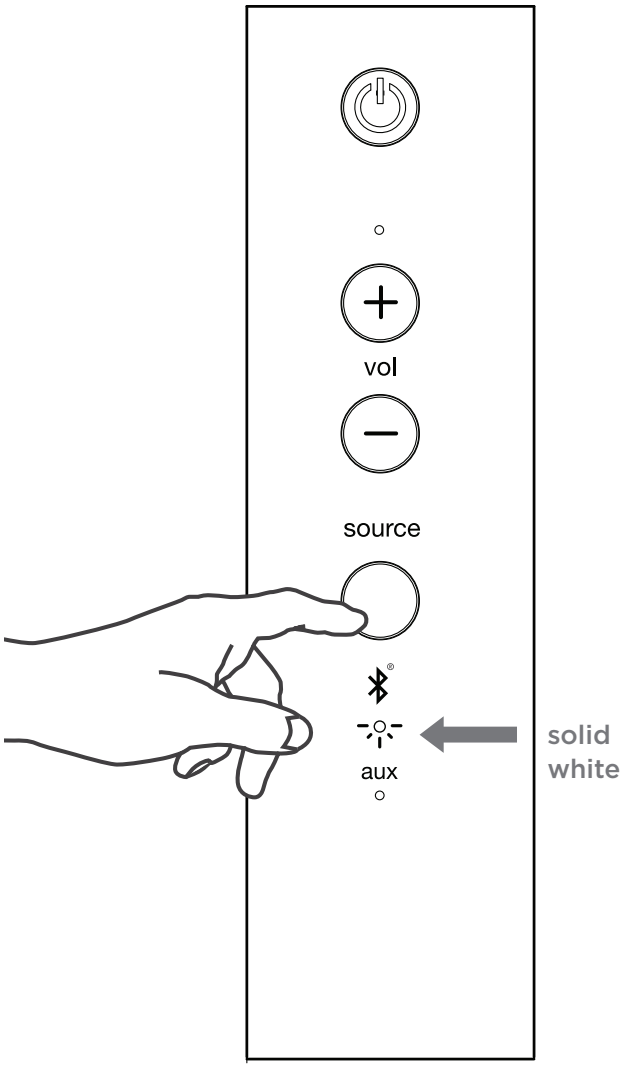


Figure 5

4 To clear the V5BT's memory of all paired devices, press and hold the Setup button on the rear of your V5BT and, while holding the Setup button, press the Power button on the front control panel. The Volume indicator will blink amber two times to indicate that the memory has been cleared. When the V5BT is powered on again, it will be in pairing mode and ready to pair with a *Bluetooth* device (see "Pairing with your V5BT" on page 6).

Note: After you have cleared your V5BT's memory, you must delete "Wren Speaker" from your source device's list of available *Bluetooth* devices before you can pair it with the V5BT again. To delete a previously paired Wren V5BT from your source device's memory, follow the directions provided by the manufacturer.

Problem connecting? Visit wrensound.com/support for additional help.

Using CSR aptX®

Bluetooth audio on steroids!

aptX works within *Bluetooth* to deliver CD-quality audio over a *Bluetooth* wireless connection. Simply establish a *Bluetooth* connection between your aptX-enabled smartphone or tablet and your V5BT and experience high fidelity wireless audio. aptX works automatically: If your source device is equipped with aptX, it will automatically detect an aptX-equipped receiving device (like the Wren V5BT) and you will enjoy CD-quality sound. If your source device does not have aptX, the V5BT will default to standard *Bluetooth* audio.

It is important to note that aptX needs to be supported on both sides of the *Bluetooth* connection. To determine if a *Bluetooth*-enabled device supports aptX, just look for the aptX logo on the product's packaging:

For an up-to-date list of devices equipped with aptX, go to the "Support" page on the Wren website (www.wrensound.com/support), select "V5BT for *Bluetooth*" from the drop-down menu, and click on the "aptX Compatibility" button.

Speaker Controls

English

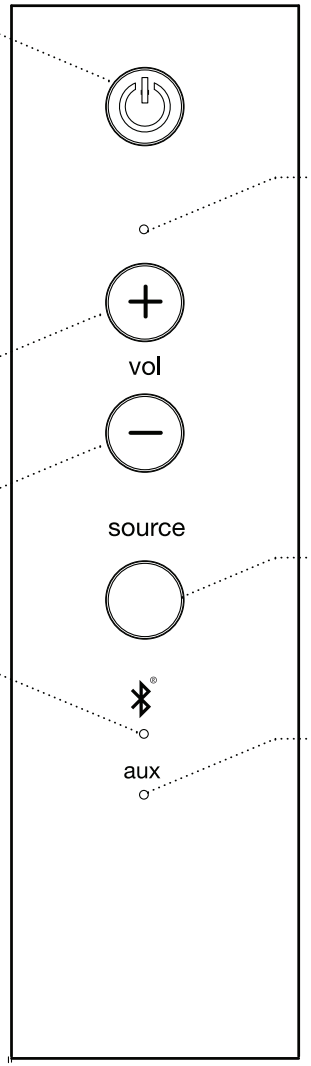
Power
Powers on and off the Wren speaker. White light indicates power is on; amber light indicates volume is muted.

To turn on, press and release the Power button; to turn off, press and hold the Power button for 5 seconds.

Volume Up
Increases the volume.

Volume Down
Decreases the volume.

***Bluetooth* Indicator**
Indicates *Bluetooth* audio source is selected.



Volume Adjustment Indicator
Indicates volume being adjusted.

Source Selector
Selects the desired audio input source.

Aux (3.5mm) Source Indicator
Indicates aux audio source is selected.

* See the full user manual at wrensound.com/support for details.

Troubleshooting Tips

Problem	Possible Solutions
Cannot pair the speaker with my *Bluetooth*® device	• Make sure your V5BT is discoverable. Refer to "Pairing with your V5BT" on page 6. • Make sure the *Bluetooth* feature on your device is turned on. • Your *Bluetooth* device may be out of range – try moving it closer to the V5BT. • Turn the V5BT off and back on. • Make sure your *Bluetooth* device supports the A2DP (stereo *Bluetooth*) profile. • Make sure when connecting to a PC or Mac computer that you select the "Wren Speaker" as the audio output device within the audio settings menu of the computer. You may need to play an audio track to make the connection.
Poor sound quality from a *Bluetooth*® device	• Your *Bluetooth* device may be out of range. Try moving it closer to the V5BT. • Make sure your *Bluetooth* device and/or you V5BT are not positioned near other devices that generate electromagnetic interference, e.g., cordless phones, microwave ovens, wireless routers, or other *Bluetooth* devices. • Reduce the number of applications running on your *Bluetooth* device. Running multiple applications can reduce the amount of internal resources available to transmit audio. Closing non-essential applications may improve audio quality. • Try turning off your device's Wi-Fi®. • Try unpairing and then re-pairing your *Bluetooth* device to your V5BT. • Turn the V5BT off and back on. • Clear the memory of your V5BT following step 4 on page 11. The *Bluetooth* source indicator on the control panel of your V5BT will blink amber once every second to indicate that the "discoverable" mode is engaged. Then re-pair your device following instructions on page 6.

Problem	Possible Solutions
Paired *Bluetooth*® device will not connect	• If your device requires a passkey, make sure you entered 0000 (four zeroes). • Turn the V5BT off and on again. • Clear the speaker memory (see Step 4 on page 11). Remove the Wren speaker from the list of paired devices on your *Bluetooth* device. Then pair the device and the Wren speaker again.
Speaker indicates a connection, but is not playing music	• Turn off or disable *Bluetooth* on all other paired devices nearby, then reconnect the source device you want to hear. • Turn the V5BT off and on again. • Make sure the transport controls of the audio device are set to playback audio. • Make sure your Wren V5BT is not muted, and the volume is up. • Make sure your *Bluetooth*®-enabled device is playing audio.
No audio from a *Bluetooth*® device	• Make sure your *Bluetooth* device and/or your V5BT are not positioned near other devices that generate electromagnetic interference, e.g., cordless phones, microwave ovens, wireless routers, or other *Bluetooth* devices. • Refer to the owner's guide or technical support for your *Bluetooth* device to make sure you know how it pairs with other *Bluetooth* devices. • Make sure your Wren V5BT is not muted, and the volume is up. • Make sure your *Bluetooth*®-enabled device is playing audio. • Your *Bluetooth* device may be out of range – try moving it closer to your V5BT. • Turn the V5BT off and back on.

Questions? Visit wrensound.com/support for additional help.

Contact Information

Wren Sound Systems | Customer Service/Technical Support

Phone: 1-855-GET-WREN (438-9736)

Email: support@wrensound.com

Web: wrensound.com/support

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V5BT.080113.USC

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SOUND SYSTEMS™

V5 Safety Instructions & Warranty

Consumer Product Safety Guide:

1. **Read these instructions.**
2. **Keep these instructions.**
3. **Follow all instructions.**
4. **Heed all warnings.**
5. **Water and Moisture**
    - Do not use near water (bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a wet basement).
6. **Ventilation**
    - The unit should be situated so that its location or position does not interfere with its proper ventilation.
    - For example, it should not be situated on a bed, sofa, rug or similar surface that may block ventilation openings.
    - Also, it should not be placed in a built-in installation, such as a bookcase or cabinet, which may impede the flow of air through the ventilation openings.
7. **Heat**
    - The unit should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.
8. **Power Sources**
    - The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
9. **Power Cable Protection**
    - Power supply cables should be routed so that they are not likely to be walked on or pinched by items placed on or against them.
    - It is always best to have a clear area from where the cable exits the unit to where it is plugged into an AC socket.
10. **Cleaning**
    - The unit should be cleaned only as recommended.
    - See the Maintenance section of this manual for cleaning instructions.
11. **Objects and Liquid Entry**
    - Care should be taken so that objects do not fall and liquids are not spilled into any openings or vents located on the product.
12. **Attachments**
    - Do not use attachments not recommended by the product manufacturer.
13. **Lightning and Power Surge Protection**
    - Unplug the unit from the wall socket and disconnect the antenna or cable system during a lightning storm or when it is left unattended and unused for long periods of time. This will prevent damage to the product due to lightning and power-line surges.
14. **Overloading**
    - Do not overload wall sockets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
15. **Servicing**
    - The user should not attempt to service the unit beyond those methods described in the user's operating instructions.
    - Service methods not covered in the User Manual should be referred to Wren.

    The unit should be serviced by qualified service personnel when:
    - The power supply cable or plug has been damaged.
    - Objects have fallen into or liquid has been spilled into the enclosure.
    - The unit has been exposed to rain.
    - The unit has been dropped or the enclosure damaged.
    - The unit exhibits a marked change in performance or does not operate normally.
16. **Antenna**
    - Do not connect an external antenna to the Wren V5AP.
17. **Periods of Non-Use**
    - To prevent damage or corrosion, unplug the power cable from the speaker if the unit is to be left unused for an extended period of time, such as a month or longer.

FCC Radiation Exposure Statement:

FCC ID: R48-V5AP IC:7190A-V5AP
FCC ID: R48-V5PF IC:7190A-V5PF
FCC ID: R48-V5BT IC:7190A-V5BT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Industry Canada Statement:

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

WEEE Notice:

Note: This mark applies only to countries within the European Union (EU) and Norway

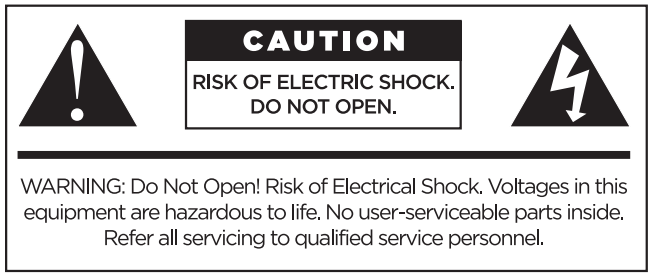
This appliance is labeled in accordance with European Directive 2002/96/EC concerning waste electrical and electronic equipment (WEEE). This label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling.

The exclamation point, within an equilateral triangle, is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

The lightning flash with arrowhead symbol within an equilateral triangle alerts the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

WARNING: To reduce the risk of fire or electrical shock, do not expose this apparatus to rain or moisture.

Note: This mark applies only to countries within the European Union (EU) and Norway.


CAUTION
RISK OF ELECTRIC SHOCK.
DO NOT OPEN.
WARNING: Do Not Open! Risk of Electrical Shock. Voltages in this equipment are hazardous to life. No user-serviceable parts inside. Refer all servicing to qualified service personnel.

This appliance is labeled in accordance with European Directive 2002/96/EC concerning waste electrical and electronic equipment (WEEE). This lebel indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling.

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The lightning flash with arrowhead symbol within an equilateral triangle alerts the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

WARNING: To reduce the risk of fire or electrical shock, do not expose this apparatus to rain or moisture.

No naked flame sources - such as candles - should be placed on the product.

Place the equipment near a main power supply outlet and make sure that you can easily access the power breaker switch.

WARNING: This product is intended to be operated ONLY from the AC Voltages listed on the back panel or included power supply of the product. Operation from other voltages other than those indicated may cause irreversible damage to the product and void the products warranty. The use of AC Plus Adapters is cautioned because it can allow the product to be plugged into voltages in which the product was not designed to operate. If the product is equipped with a detachable power cord, use only the type provided with your product or by your local distributor and/or retailer. If you are unsure of the correct operational voltage, please contact your local distributor and/or retailer.

Wren Sound Systems, LLC
Limited One/Three Year U.S. Warranty:

LIMITED WARRANTY

Wren Sound Systems ("Wren"), subject to the limitations contained herein, warrants its Wren Sound Systems branded wireless sound systems contained in its original packaging ("Products") against defects in materials and workmanship when used normally in accordance with Wren's guidelines and instructions, for a period of one (1) year from the date of original retail purchase by the original end-user customer (the "Customer").
The foregoing warranty (the "Warranty") is extended for two (2) additional years, providing for a warranty of three (3) years in total, in the event the Customer shall register the Products at www.wrensound.com/register within thirty (30) days of the date of purchase. This warranty is limited to products purchased in the United States of America."

WHO IS PROTECTED BY THIS WARRANTY

This Warranty protects the original Customer and is not transferable or assignable. Any attempt to transfer or assign this Warranty shall cause it to immediately become void.

HOW TO SUBMIT A CLAIM UNDER THE WARRANTY

For warranty service within the United States, contact Wren's warranty department at support@wrensound.com. The original receipt or other proof of purchase satisfactory to Wren must be presented to Wren whenever warranty service is required. If warranty service is requested after the one (1) year anniversary but before the three (3) year anniversary of the date of purchase, evidence of registration of the Product must also be presented.

You are responsible for transporting your Product for repair, at your sole cost and expense. However, Wren will pay return charges for the Product if the repair is covered under Warranty. Wren shall have the right, in its sole discretion, to either (i) repair, (ii) replace, or (iii) issue a refund of the original purchase price of (not including sales taxes or handling or transportation charges) any Products covered by this Warranty and with respect to which a proper claim is made.

WHAT IS COVERED AND NOT COVERED BY THIS WARRANTY

Except as specified below, this warranty covers all defects in materials and workmanship of the Products. The following are not covered: (i) damage caused by accident, misuse, abuse, product modification or neglect, (ii) damage occurring during shipment, (iii) damage from failure to follow instructions contained in the user manual, (iv) damage resulting from the performance of repairs or modifications by someone not authorized by Wren, (v) cosmetic damage, (vi) damage caused by normal wear and tear, (vii) Products with a missing or altered serial number, (viii) batteries and other consumable parts, and (ix) any claims based on misrepresentations by Wren or any other party, (x) incidental or consequential damages, (xi) the cost of removing or reinstalling the Products.

FURTHER LIMITATIONS AND DISCLAIMERS

EXCEPT AS EXPRESSLY SET FORTH HEREIN, AND EXCEPT WHERE PROHIBITED BY LAW, WREN DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST LATENT DEFECTS, WITH RESPECT TO THE PRODUCTS, THEIR DESIGN, FUNCTIONALITY OR REPAIR.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY AND THE REMEDIES SET FORTH ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL, WRITTEN, STATUTORY, EXPRESS OR IMPLIED.

Neither Wren nor any party involved in the creation, manufacture, distribution, sale or servicing of the Products shall in any event be liable for indirect, special, consequential or liquidated damages or penalties, even if Wren or any such other party knew or should have known of the possibility of such damages. Notwithstanding anything contained herein to the contrary, in no event shall the aggregate liability of Wren to Customer under this Warranty hereunder exceed the total purchase price of the Product.

This warranty gives you specific legal rights. You may also have other rights, which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so certain limitations contained herein may not apply to you.

Products Purchased Outside the U.S.

For warranty service outside the United States, contact the Wren distributor in the country where the Product was purchased. For a list of Wren distributors by country, please visit www.wrensound.com/international.

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SOUND SYSTEMS™

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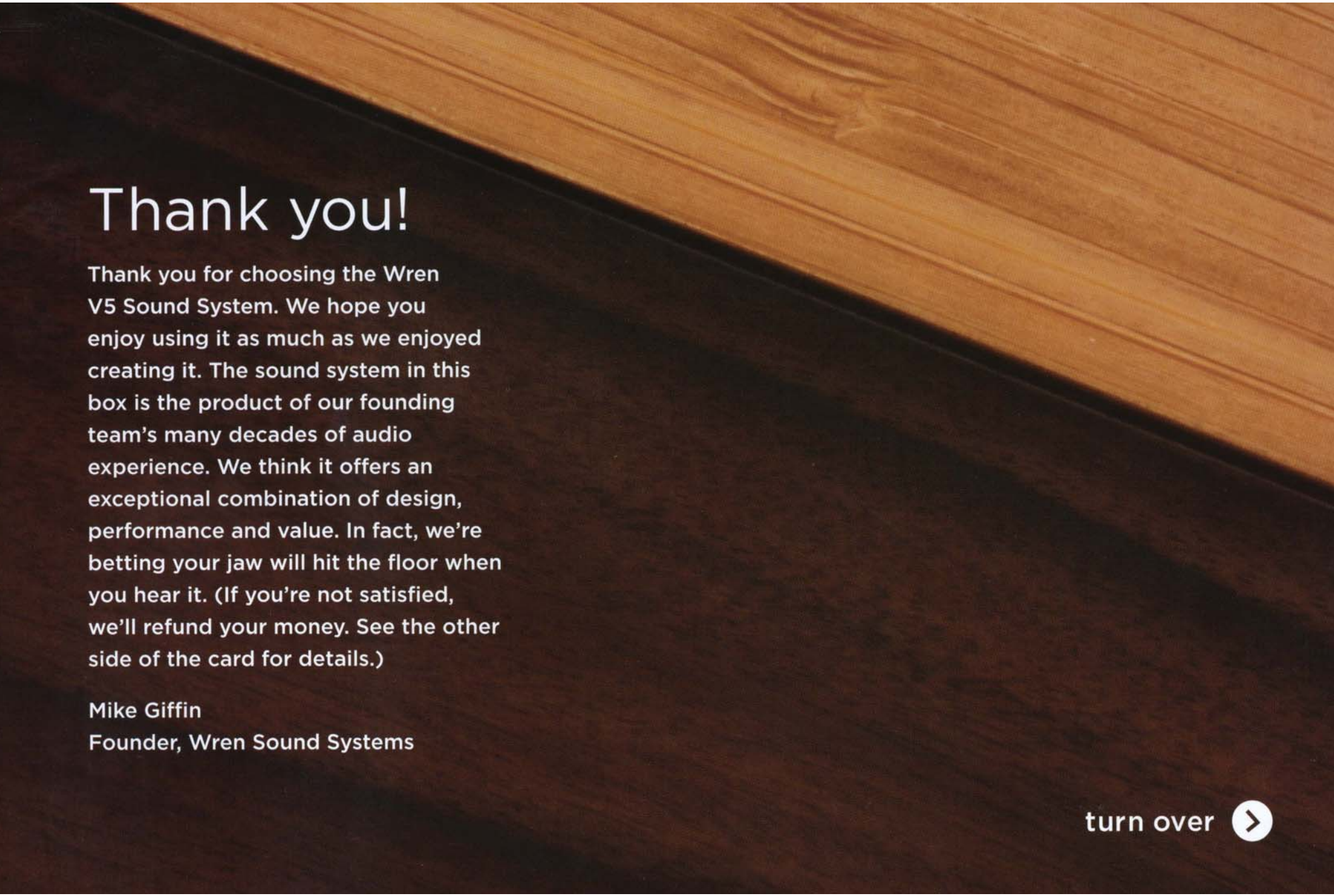
V5.SIW.V1.R0.01.10.13.US



Thank you!

Thank you for choosing the Wren V5 Sound System. We hope you enjoy using it as much as we enjoyed creating it. The sound system in this box is the product of our founding team's many decades of audio experience. We think it offers an exceptional combination of design, performance and value. In fact, we're betting your jaw will hit the floor when you hear it. (If you're not satisfied, we'll refund your money. See the other side of the card for details.)

Mike Giffin
Founder, Wren Sound Systems

turn over

Not So Fast!

Before you set up your Wren V5, there are a few things you should do:

REGISTRATION & WARRANTY

Register your product at **wrensound.com/register** to activate your FREE three-year warranty.

THE WREN GUARANTEE

If you're not completely satisfied with your Wren V5, you can send it back at no charge within 30 days. We'll refund your money and even cover your return shipping charges. Just use the prepaid shipping label included in the shipping packet attached to the outside of the box.

Important!

- ✓ Remove and save the prepaid return shipping label from the outside of the shipping box.
- ✓ Keep your shipping and product boxes just in case you need to send it back.

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SOUND SYSTEMS™

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